

Data File : VR026490.D
Acq On : 7 Apr 2019 11:43
Operator : SY/MD
Sample : K2271-25
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK02

Quant Time: Apr 08 03:01:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	450875	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	362404	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	106185	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	182191	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	2.62	69	158698	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	3.60	63	362626	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	6.59	46	157992	51.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.46%
24) Chloroform-d	7.20	84	344227	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	7.89	65	143528	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	7.85	84	621819	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	8.90	67	166992	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	9.97	98	565257	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
43) trans-1,3-Dichloropropene-	10.23	79	34417	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	10.59	63	128525	60.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.48%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59413	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	104458	6.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.00%#

Target Compounds

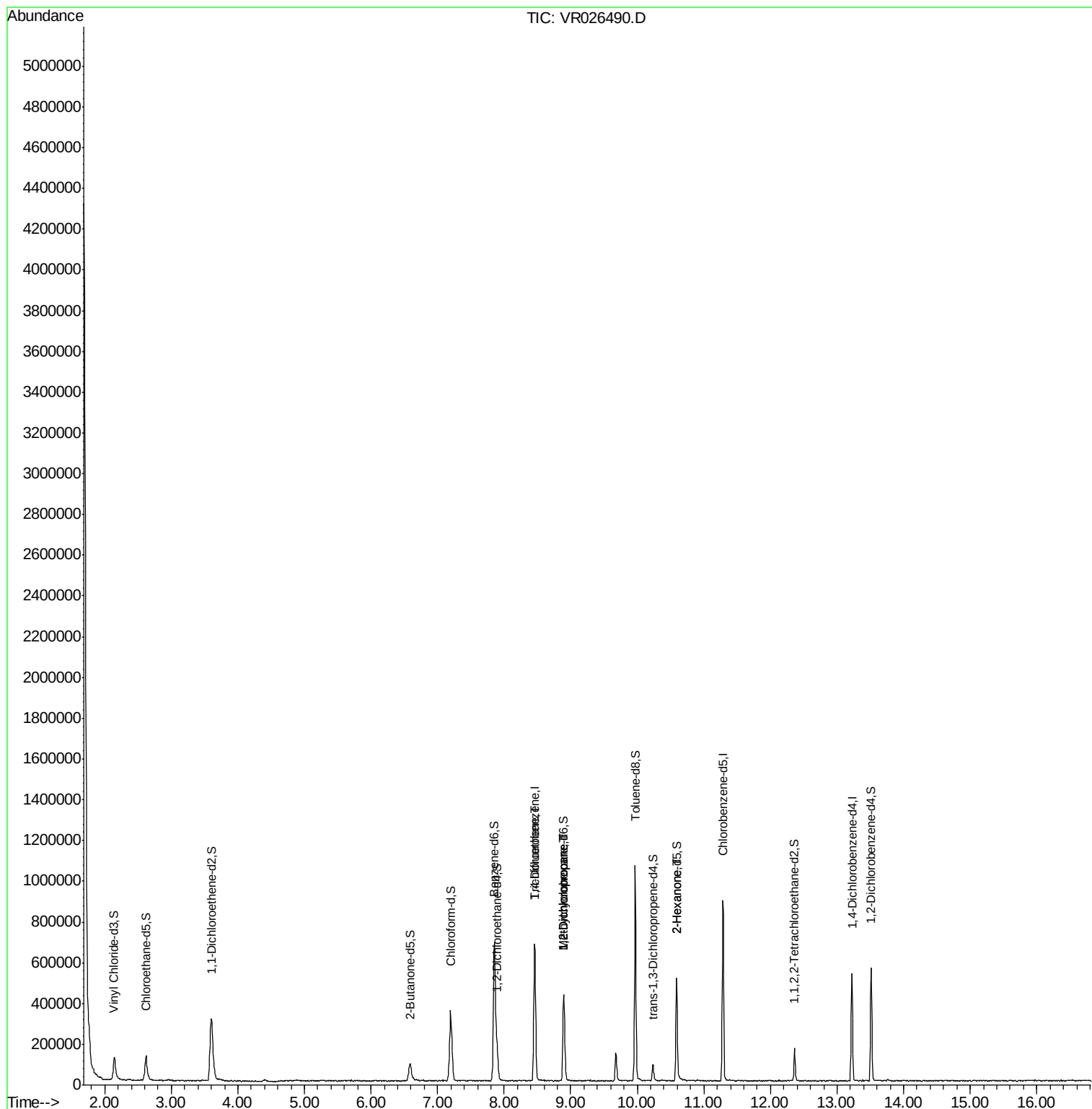
					Qvalue
34) Trichloroethene	8.46	95	15218	0.401 ug/L #	12
35) Methylcyclohexane	8.89	83	40701	0.752 ug/L #	14
37) 1,2-Dichloropropane	8.90	63	21317	0.687 ug/L #	92
48) 2-Hexanone	10.59	43	21928	3.625 ug/L #	75

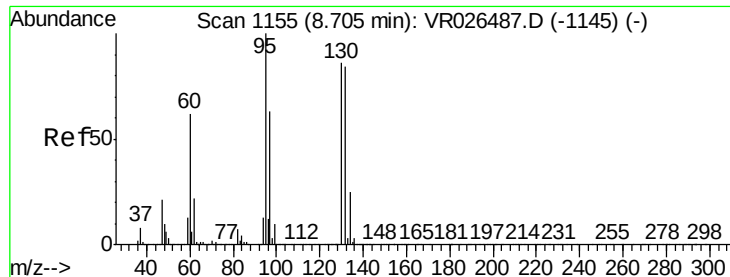
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.401 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

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Instrument :

MSVOA_R

ClientSampleId :

VHBLK02

Tgt Ion: 95 Resp: 15218

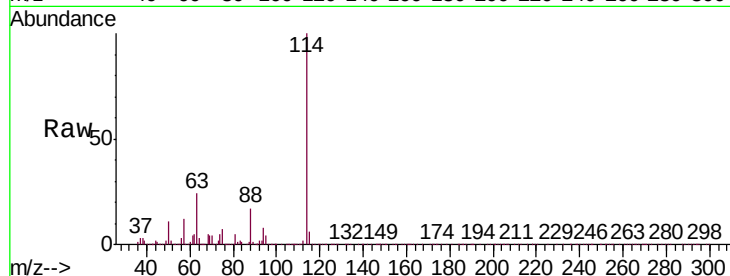
Ion Ratio Lower Upper

95 100

97 1.1 43.8 81.3#

132 1.5 57.2 106.2#

130 0.0 59.7 110.9#

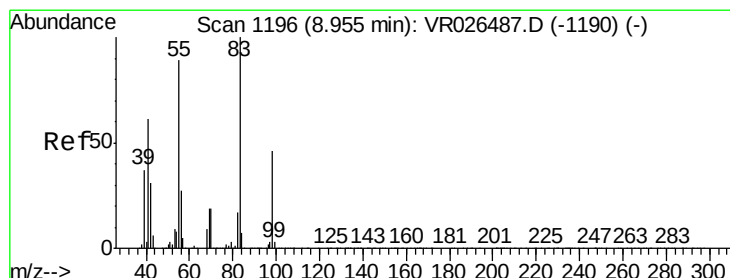
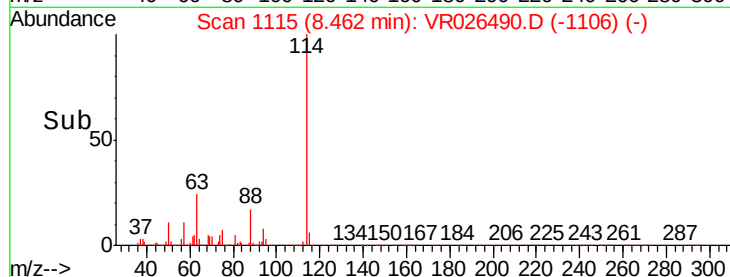
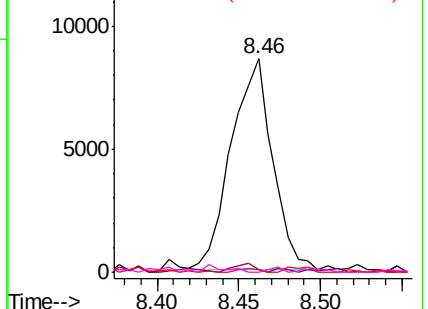


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.752 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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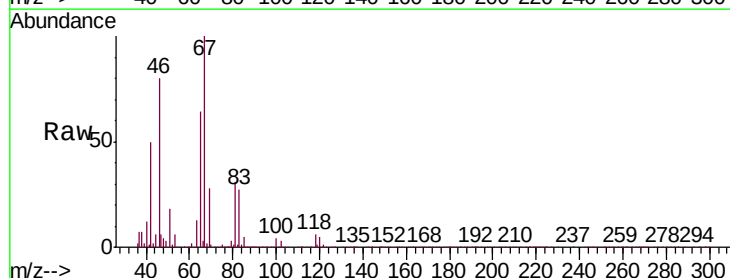
Tgt Ion: 83 Resp: 40701

Ion Ratio Lower Upper

83 100

55 1.3 73.8 110.6#

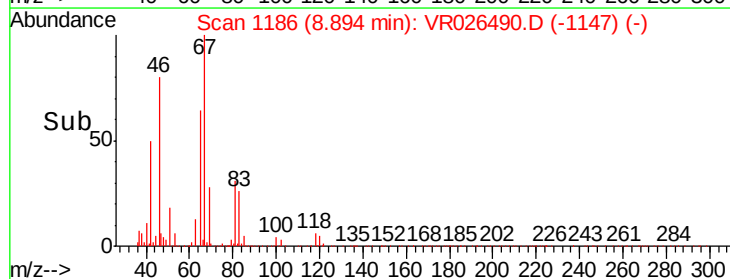
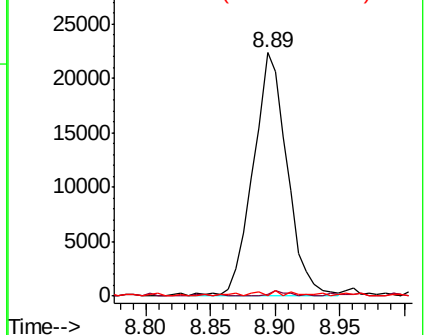
98 0.4 34.6 51.8#

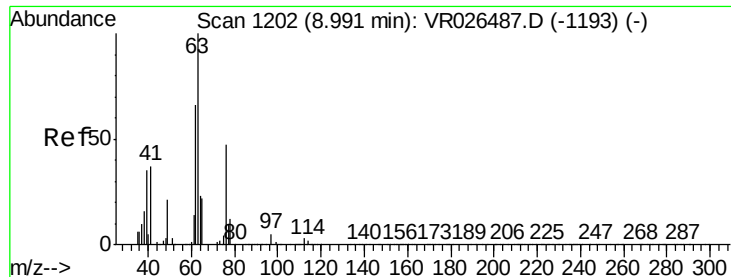


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

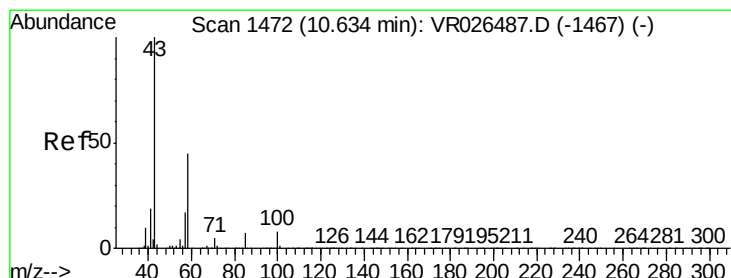
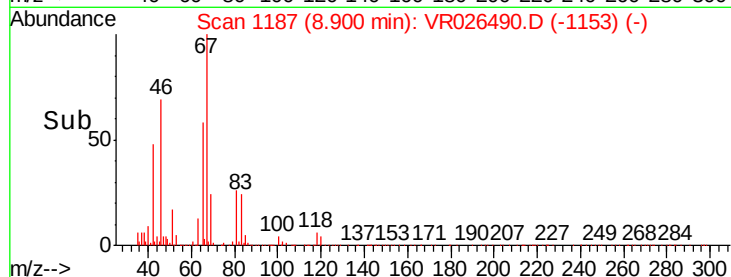
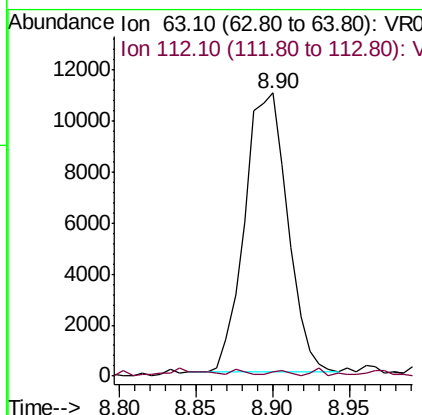
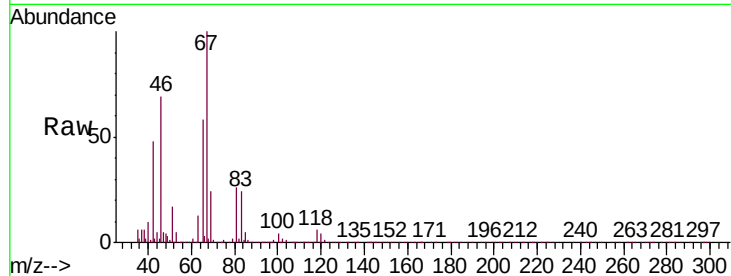




#37
 1,2-Dichloropropane
 Concen: 0.687 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
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Tgt Ion: 63 Resp: 21317
 Ion Ratio Lower Upper
 63 100
 112 0.8 2.8 4.2#



#48
 2-Hexanone
 Concen: 3.625 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 21928
 Ion Ratio Lower Upper
 43 100
 58 31.4 38.2 57.2#
 57 31.6 13.8 20.6#
 100 5.0 6.2 9.2#

